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PART A: PLAN the blue cells are required for NVZ nitrogen planning

A clear solution for farmers
CATCHMENT SENSITIVE FARMING

Field name/ref:		Harvest year		Crop		Variety	

Soil type		Soil depth (cm)		Subsoil eg clay		Annual rainfall	Low / moderate / high
Field area (ha)				Cropped area (ha)			

Soil analysis details[2]											
Date		pH		P index		K index		Mg index		SNS index [21,26]		Lime requirement	t/ha

Cropping details							
ARABLE/FORAGE Last crop		Yield of last crop		Residues removed	Yes/No	Utilization (forage)		Expected yield this harvest year	
GRASS Management/crop last year				Expected number of cuts/grazings this year[6]			

Crop nutrient requirement				**Recommendation system used**	Fertiliser Manual RB209/FACTS Qualified Adviser (Number)
P_2O_5 policy	maintain/run down/build up	K_2O policy	maintain/run down/build up	Is field in NVZ	Yes / No

This season's crop

Date established		Target yield t/ha (arable crops)		milling wheat/feed wheat/feed barley/malting barley circle intended market if applicable

Notes – Other planned nutrient applications eg – Sodium and micronutrients

Record any problems during the season and actions planned for next season

Amount – kg/ha		N	P_2O_5	K_2O	MgO	SO_3
Nutrients required [7,19,26]	A					
Crop available nutrients from livestock manures	B					
Crop available nutrients from other organic manures	C					
Planned inorganic nutrient application kg/ha	A-(B+C)					

PLANNED ORGANIC MANURE APPLICATIONS

Livestock manures

Proposed application date	Type of manure	Slurry DM %	Rate t/ha or m^3/ha	Proposed method of application	Nutrients to be applied (kg/ha)														
					N			P_2O_5			K_2O			MgO			SO_3		
					Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)
Nutrient in livestock manures (kg/ha)				B			B			B			B			B			B

Other organic manures

Date	Type of manure	Rate t/ha or m^3/ha	Proposed method of application	N			P_2O_5			K_2O			MgO			SO_3		
Nutrients in other manures (kg/ha)			C			C			C			C			C			C
Nutrients to be applied in organic manures			B+C	*														

*If in NVZ this figure should not exceed 250kgN/ha

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This sheet should be used in conjunction with the Tried & Tested Nutrient Plan. Copies available from: 02476 858 896; nutrientmanagement@nfu.org.uk; www.nutrientmanagement.org Superscripts numbers relate to notes in the Tried and Tested Plan.

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PART B: RECORDS the blue cells are required for NVZ nitrogen planning

A clear solution for farmers
CATCHMENT SENSITIVE FARMING

Field name/ref:		Harvest year		Cropped area (ha)		Crop:	

Date crop established if applicable		Actual yield		% N -cereals		Malting/feed barley Milling/feed wheat Circle relevant crop if applicable		Management (if grass) eg grazing/silage/hay		Number of defoliations	

FERTILISERS APPLIED [1, 22, 23]

Date	Name/analysis	Application rate kg/ha	Nutrients applied (kg/ha)					
			N	P_2O_5	K_2O	MgO	SO_3	Other (specify)
		TOTAL D						

LIVESTOCK MANURES [22]					N			P_2O_5			K_2O			MgO			SO_3		
Application date	Type of manure	Slurry DM %	Rate t/ha or m^3/ha	Method of application	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)
Nutrient in applied livestock manures (kg/ha)					E		F	E		F	E		F	E		F	E		F

OTHER ORGANIC MANURES [22]				N			P_2O_5			K_2O			MgO			SO_3		
Application date	Type of manure	Rate t/ha or m^3/ha	Method of application	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)
Nutrients in other manures (kg/ha)				G		H	G		H	G		H	G		H	G		H

Nutrients applied in livestock manures (kg/ha) [1,23]		N	P_2O_5	K_2O	MgO	SO_3
Total	E					
Crop available	F					
Nutrients applied in other organic manures (kg/ha) [23]						
Total	G					
Crop available	H					
Total applied in organic manures [10]	E+G					
Crop available N supplied in fertilisers + livestock manures (kg/ha) [23]	D+F					
Crop available supplied in fertilisers + organic manures (Nmax–use % available in NVZ guidance)	D+F+H					
Phosphate and potash removed in crop (Appendix 5, Fertiliser Manual (RB209))	I					
Phosphate and potash balance (kg/ha)	(D+E+G)-I					

If you are in an NVZ:

Total nitrogen in organic manures (E plus G) must not exceed 250kg N/ha in any 12 month period.

For planning nitrogen use refer to the latest Defra NVZ Guidance. Where organic manure is to be applied you can use the crop available N percentages from Fertiliser Manual (RB209). However, if you are calculating compliance with Nmax in an NVZ where livestock manure is applied, you must use the crop available N percentages provided in the latest Defra NVZ Guidance.

The guidance is an aid to nutrient management planning and can help users meet the requirements of the NVZ regulations, where these apply. Whilst the Professional Nutrient Management Group (Industry) has used its best endeavours to ensure the accuracy of the guidance, we cannot accept any responsibility or liability from its use.

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The letters A, B, C etc in some cells are to help completion of each sheet. They have no other meaning and any letter, does not necessarily correspond to those used in the Tried & Tested Management Plan or the downloadable Tried & Tested Excel sheets.
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